

KASPER Tips: Identifying Patients Who May Have Experienced a Drug Overdose

Jean Hall
KASPER Integration Project Manager
Kentucky Cabinet for Health and Family Services

KASPER now includes the capability for users to request information from the Kentucky Health Information Exchange (KHIE) to determine if a patient has been seen in the emergency department of a licensed acute care hospital or critical access hospital for a non-fatal or suspected non-fatal drug overdose.

After entering the required patient demographic data in the KASPER Request Report screen, the user may place a check in the box preceding the text, "*Check the Kentucky Health Information Exchange for suspected drug overdose information for the patient*". KASPER transmits a request containing the patient information entered by the user. When KHIE receives the request, a search is performed to determine if an ICD-10 code indicating a suspected drug overdose and/or a toxicology screen with a positive result has been reported from Admissions, Discharge and Transfer data. Based on the request to KHIE, KASPER will display one of the following responses:

- "KHIE contains suspected drug overdose information for this patient. You may wish to confirm with your patient." - This means that a match was found for at least one of the conditions above.
- "This patient was not found in KHIE." - KHIE has no information matching the patient information provided in your request.
- "KHIE contains no suspected drug overdose information for this patient." - KHIE has information on this patient. But does not have any information on a suspected drug overdose.
- "KHIE contains information for multiple patients meeting the search criteria. You may wish to confirm with your patient." - KHIE has multiple patients that could match your request. Because it cannot be determined which patient matches, they did not return any results.
- "Unable to connect to KHIE to obtain drug overdose information." - An Error occurred in processing and no results are currently available.

"Suspected drug overdose" means an acute condition that:

- May include physical illness, coma, mania, or hysteria that is the result of consumption or use of a controlled substance, or another substance with which a controlled substance was combined; and
- Relates to injury, poisoning by, or other adverse effect of any substance corresponding to the following International Classification of Disease (ICD) version 10 (ICD-10) codes, or equivalent codes in the most recent version of the International Statistical Classification of Diseases and Related Health Problems:
 1. T40;
 2. T42; or
 3. T43.

If the KHIE box was not checked for the report request, the KHIE message line will be blank.

For more information about KHIE visit their web site: <https://khie.ky.gov>.

For KASPER questions or information, please send an email to eKASPER.Admin@ky.gov, or contact the Drug Enforcement and Professional Practices Branch at (502) 564-7985.